



**Matthews Transportation Advisory Committee
Regular Meeting Agenda
Thursday, October 20, 2022
Matthews Community Center, Room 104**

1. Call to order – Hough
2. Roll Call and Determination of Quorum – Hough
3. Approval of the Minutes from September 15, 2022 meeting (attached) – Hough
4. Public Comments - Hough
5. Announcements
 - a. Staff Announcements – Habina Woolard
 - b. CTAG Updates - CTAG Liaison – Rhodes
6. Unfinished Business
 - a. Bonds – Manager Hawke
(<https://www.matthewsnc.gov/pview.aspx?id=21030>)
 - b. TAC Vacancy
 - o Process memo (Attached)
 - o Interview Results (application attached)
7. New Business
 - a. Rezoning – Habina Woolard
(<https://www.matthewsnc.gov/pview.aspx?id=20799&catid=567>)
 - o See attached table for further information
 - b. Board of Commissioners – Habina Woolard
(<https://www.matthewsnc.gov/pview.aspx?id=20784>)
 - o U4913 funding swap
(<https://www.matthewsnc.gov/files/documents/11A-NCDOTfundingswap1315043644100722PM.pdf>)
 - o E John St. presentation (presentation attached)
 - o TAC Members Reappointment
(<https://www.matthewsnc.gov/files/documents/9C-TACreappointments1315024648100522PM.pdf>)
 - o Conduits in interchanges (materials attached)
 - o LYNX Silver Line Interlining (materials attached)
8. Adjournment



Matthews Transportation Advisory Committee

DRAFT

Regular Meeting Minutes

Thursday, September 15, 2022

1. Call to order – Hough
2. Roll Call and Determination of Quorum – Hough
 - a. TAC Members: Bill Stevens, Vince Manno (vice-chair), Lou Abernathy, Bryan Hall, Donald Rhodes, Chris Hough (chair)
 - b. Town Staff: Susan Habina-Woolard PE, Town Engineer, Dana Stoogenke, AICP
3. Approval of the Minutes from August 18, 2022 meeting - Hough
 - a. Mr. Manno made a motion to approve the minutes from the August meeting as drafted, Mr. Stevens seconded. Unanimous approval.
4. Public Comments - Hough
 - a. None
5. Announcements
 - a. Staff Announcements - Habina-Woolard
 - o TAC Reappointments by the Board of Commissioners
 - o Hybrid Remote Option
 - o TAC input on Planning Rezoning Cases via Memo
 - b. CTAG Updates - Rhodes
 - o Mr. Rhodes gave an update on CATS and CTAG activity.
6. Unfinished Business
 - a. No unfinished business
7. New Business
 - a. Revised draft STIP 2024-2033 – Stoogenke
 - b. TAC Vacancy
 - o 2 potential candidates to interview
 - c. Rezoning - Habina-Woolard
 - o 2022-763
 - o 2022-766
 1. Mr. Stevens made a motion to urge the board to consider staff pedestrian and mobility recommendations including:
 - a. Adding a crosswalk at Matthews Mint Hill Rd and Rte. 74
 - b. 10' Multi-use paths along Brigman Rd and Sports Pkwy
 - c. Multi-modal hub near public street AMr. Hough seconded, unanimous approval.

- 2. Mr. Hall made a motion to recommend constructing an additional NB through lane on Matthews Mint Hill Rd. at Rte. 74 be added as a condition of rezoning as the TIA indicates a second through lane is needed to alleviate congestion. Mr. Manno seconded the motion. Unanimous approval.
- 2022-762
 - 1. Mr. Abernathy made a motion to point out the building and road placement are inconsistent with the Small Area Plan. Mr. Hough seconded. Unanimous approval.
- 2022-752
 - 1. Mr. Hough made a motion to recommend including construction of Four Mile Creek Greenway as a condition of rezoning approval. Mr. Manno seconded. Unanimous approval.
- 2021-742
 - 1. Mr. Abernathy made a motion to support the previous TAC recommendation to require construction of a 10' multi-use path as a condition of rezoning. Mr. Hough seconded, unanimous approval.
- d. Upcoming Board of Commissioners presentations - Habina-Woolard
 - Informational: E John St. easement on Sept. 12 consent agenda
- 8. Adjournment - 9:47pm
 - a. Mr. Abernathy made a motion to adjourn, Mr. Hall seconded, unanimous.

2020 Advisory Committee Appointment Process

TO: Advisory committee staff liaisons
FROM: Lori Canapinno, Town Clerk
DATE: January 24, 2020

The Mayor and Board of Commissioners have implemented a new advisory committee appointment process to expedite appointments and respect advisory committee members' expertise and recommendations.

- Final approval remains with the Board, but each advisory committee has been empowered to review all applications, hold interviews, and make recommendations on appointments.
- Each advisory committee can choose how it wishes to move through the process: you can have the entire committee involved, or a smaller group (commonly the staff liaison and chair or staff liaison, chair and vice chair) to review applications and conduct interviews. The staff liaison should always be part of the process.
- Your committee needs to decide on its preferred method (full committee review or smaller group) and then you need to let me know which method they've chosen as soon as possible, but no later than March 1.
- In the meantime, we are moving forward to fill each committee's vacancies. We're collecting applications now. Once the application period is over, you'll receive the applications for your committee. You will need to contact those applicants and make arrangements for interviews.
- You will need to keep track of who you interviewed and who you want to move forward in the process. This information must be relayed back to me so that I can track the applications and send information back to the applicants.
- The Board has asked that you provide more recommendations than there are openings when possible. For example, if you have one opening, they'd prefer that you submit two recommendations, so that they have a backup if necessary.
 - Please note that this will depend on the number of qualified applications you receive. If you don't feel that there are numerous qualified applicants, you don't need to submit multiple recommendations. If you *do* have multiple qualified applicants, you can submit ranked recommendations.
- Once the Board receives your recommendations, they will make every effort to move quickly. They're aware of the current number of vacant seats; their intent is to briefly meet with the recommended applicants before finalizing the appointments.
- Remember that this new methodology with new Board members, so we should be prepared for revisions based on the Board's feedback once we get started.

APPLICATION FOR ADVISORY BOARDS AND COMMITTEES

Please note that this application and any attached materials are considered public records and as such are subject to request and review.

CHECK THE ADVISORY BOARD(S)/COMMITTEE(S) ON WHICH YOU ARE INTERESTED IN SERVING:

- | | |
|--|---|
| <input type="checkbox"/> Appearance/Tree Committee* | <input type="checkbox"/> Environmental Advisory Committee* |
| <input type="checkbox"/> Board of Adjustment* | <input type="checkbox"/> Historic Preservation Advisory Committee |
| <input type="checkbox"/> Committee on Education * ¥ | <input type="checkbox"/> Parks, Recreation and Cultural Resource Advisory Committee* |
| <input type="checkbox"/> Cultural Diversity Council | <input type="checkbox"/> Planning Board* |
| <input type="checkbox"/> Economic Development Advisory Comm. | <input checked="" type="checkbox"/> Transportation Advisory Committee* <input type="checkbox"/> Veterans Advisory Committee |
- *requires Matthews residency ¥requires resume with submission of application

APPLICANT INFORMATION (attach additional pages as necessary)

NAME: Ralph Messera

HOME ADDRESS: 401 S Freemont Street, Matthews NC 28105

PRIMARY PHONE NUMBER: 704-814-6927 ☒ home ☐ mobile ☐ business

EMAIL ADDRESS: messera@windstream.net

OCCUPATION: Retired

BUSINESS ADDRESS: _____

BUSINESS EMAIL: _____

BUSINESS PHONE: _____

REASON(S) FOR WISHING TO SERVE ON THIS/THESE BOARD(S): _____

Long term interest in local and regional transportation issues.

NUMBER OF HOURS AVAILABLE PER MONTH FOR THIS SERVICE: 10

EDUCATION: BA Texas A&M University, 1974, Political Science, Urban and Regional Planning

BUSINESS AND CIVIC EXPERIENCE/SKILLS: City/Town Manager in 3 different municipalities,
Public Works Director

AREAS OF EXPERTISE/INTEREST/SPECIAL SKILLS: Knowledge and experience in local transportation issues

SIGNATURE: _____

DATE: 4/19/21

I understand that this application will be kept in active status for one year from date of application.

Return to Town Clerk Lori Canapinno: lcanapinno@matthewsnc.gov • (p) 704-708-1222 (f) 704-845-1964

RECEIVED _____

EXPIRES _____

APPOINTED _____

APPLICATION	LOCATION	CURRENT ZONING	PROPOSED ZONING	STATUS	DOCUMENTS	TAC Reviews
2022-769 Ames Station	UDO Text Amendment for Downtown Overlay Parking			Public Hearing 11/14/2022	Application	Application: https://www.matthewsnc.gov/files/documents/2022-769AmesApplication1318105412092922AM.pdf
2022-768 Realtylink, LLC	E Independence Blvd Tax Parcel 193-311-82	I-1 (CD)	B-H (CD)	Public Hearing 12/12/2022	Application Site Plan Current Elevations	TIA not received.
2022-767 Christ Covenant Church	126 & 128 Covenant Church Tax Parcels 213-011-04 & 1		R/I (CD)	Public Hearing 11/14/2022	Application Site Plan Current	Application: https://www.matthewsnc.gov/files/documents/2022-767SitePlanCurrent1318110922092922AM.pdf Site Plan: https://www.matthewsnc.gov/files/documents/2022-767SitePlanCurrent1318110922092922AM.pdf
2022-766 11330 Brigman Road, the NRP Group rezoning from R-15 to ENT.	11330 Brigman Road	R-15	ENT	Public Hearing 9/12/2022 10/10/2022 & 11/14/2022	Site Plan Public Input	9/15/2022 TAC memo: 1. Support staff-recommended pedestrian and mobility recommendations to include: a. Adding a crosswalk on Matthews-Mint Hill Rd across US 74 b. Ten-foot multiuse paths along the site's frontage on Brigman Rd and Sports Parkway c. Multimodal hub on Sports Parkway near Street A 2. Recommend as a condition of the rezoning that the developer construct an additional northbound through lane on Matthews-Mint Hill Rd at US 74, since the TIA indicates the second through lane is needed to alleviate congestion. Site plan: https://www.matthewsnc.gov/files/documents/2022-766SPCurrent1318090809071122AM.pdf TIA resubmitted: https://www.matthewsnc.gov/files/documents/2022-766TIA1318113831083122AM.pdf Staff comments: https://drive.google.com/file/d/1uY7G3a2y6o1psXMUwKRB0Tg_2o54hKCh/vi?usp=sharing
2022-763 CH Acquisitions, LLC	7904 Council Place Tax Parcel 227-371-82	B-1 (CD)	B-3 (CD)	Public Hearing 10/10/2022 & 11/14/2022	Application Site Plan Current TIA Waiver Public Input	9/15/2022 TAC agreed to TIA waiver Site plan: https://www.matthewsnc.gov/files/documents/2022-763SitePlanCurrent1318035625072522PM.pdf TIA waiver: https://www.matthewsnc.gov/files/documents/2022-763TIAWaiver1318035728072522PM.pdf
507 and 515 W Charles Street site plan review	507 and 515 W Charles Street	O(CD)		Town Board Review 10/10/2022	Site plan	8/15/2022: It appears transportation items have been addressed with the 10-ft sidepath set at least 8-ft from the future curbline.
2022-762 The Ridge	Campus Ridge Road 215-221-02	R-12	I-1 (CD)	Public Hearing 8/8/2022 10/10/2022	Application Site Plan Current Tree Survey TIA	9/15/2022 TAC memo: "The placement of the proposed building and roadway are inconsistent with the E John St Small Area Plan." TIA submitted: https://www.matthewsnc.gov/files/documents/2022-762TIA131811511082422AM.pdf Site plan: https://www.matthewsnc.gov/files/documents/2022-762SPCurrent1318025429042722PM.pdf Draft TIA comments: https://drive.google.com/file/d/1lkC0c6iK5cAiNRRQyTSFG0GLUeVKg9TL/vi?usp=sharing
2022-759 Midfield Station	Between Crestdale Community and Brigman Road 215-081-13 and -33	R-15	ENT	Public Hearing 8/8/2022 9/12/2022 10/10/2022 01/09/2023	Application Site Plan Current	TIA not submitted Site plan: https://www.matthewsnc.gov/files/documents/2022-759SitePlanCurrent1318040829033122PM.pdf
2022-752 Matthews Gateway	1205 E John Street Tax Parcels 215-042-19, 215-042-12, and 215-042-13	R-9 and MUD	MUD	Public Hearing 6/13/2022 7/14/2022 9/12/2022 10/10/2022 01/09/2023	Application Site Plan Current TIA Public Input	Revised TIA received, but will be resubmitted per NCDOT request. Staff has not started review due to this impending revision. New TIA link: https://www.matthewsnc.gov/files/documents/2022-752TIA1318010321092222PM.pdf 9/15/2022 TAC memo: Require as a condition of the rezoning that the developer to construct Four Mile Creek Greenway through the site. September 2022: TIA resubmitted, waiting on NCDOT "completeness review" before Town review consultant does review of TIA TAC reviewed TIA and unanimously approved motion to support Four Mile Creek Greenway through the site.
2022-749 Matthews Village East	14704 Idlewild Road Tax Parcels 215-141-09, 08, 19, 06, and 05	R-15	R-VS and SRN	Public Hearing 9/12/2022 11/14/2022	Application Site Plan Current Superseded Elevations TIA Public Input Memos: 4/11/2022 6/13/2022 8/8/2022	Site plan: https://matthewsnc.municipalonline.com/files/documents/2022-749SitePlanCurrent1318094852091522AM.pdf TIA: https://www.matthewsnc.gov/files/documents/2022-749TIA1318084906100422AM.pdf
2021-742 Flagship Health/ David W. Hoyle, Jr. and Jane M. Hoyle/ Ad Bel, Ltd.	720 Lyle Crews Circle and 641 Sam Newell Tax Parcels 193-245-24 & 193-245-08	I-1 and I-1 (CD)	B-3 (CD)	Town Board Decision 3/14/2022 4/14/2022 5/9/2022 6/13/2022 7/14/2022 2/13/2023	Application Site Plan Current TIA	TAC reviewed TIA and unanimously approved a motion to support 10-ft sidepath

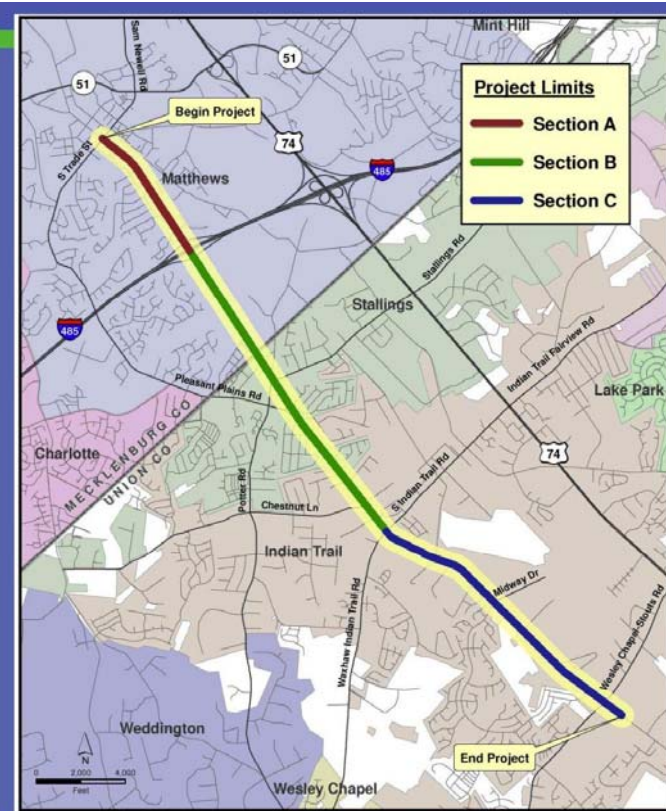


East John Street U-4714 AA

Dana Stoogenke, AICP
Transportation Planner
10/10/22

Original Project Limits

- Section A - Trade St. to I-485
- Section B - I-485 to Waxhaw Indian Trail Rd.
- Section C - Waxhaw Indian Trail Rd. to Wesley Chapel-Stouts Rd.





John Street Overview

2016

2017

2018

2019

2020

2021

2022

2023



2016

2017

2018

2019

2020

2021

State Transportation Improvement
Program (STIP)
Project FUNDED - P3.0

2022

2023

2016

STIP Project
was Added -
P3.0

2017

Consultant
hired- Corridor
Study

2018

2019

2020

2021

2022

2023

2016

STIP Project
was Added -
P3.0

2017

Consultant
hired- Corridor
Study

2018

John Street
Work Group
Decision

2019

2020

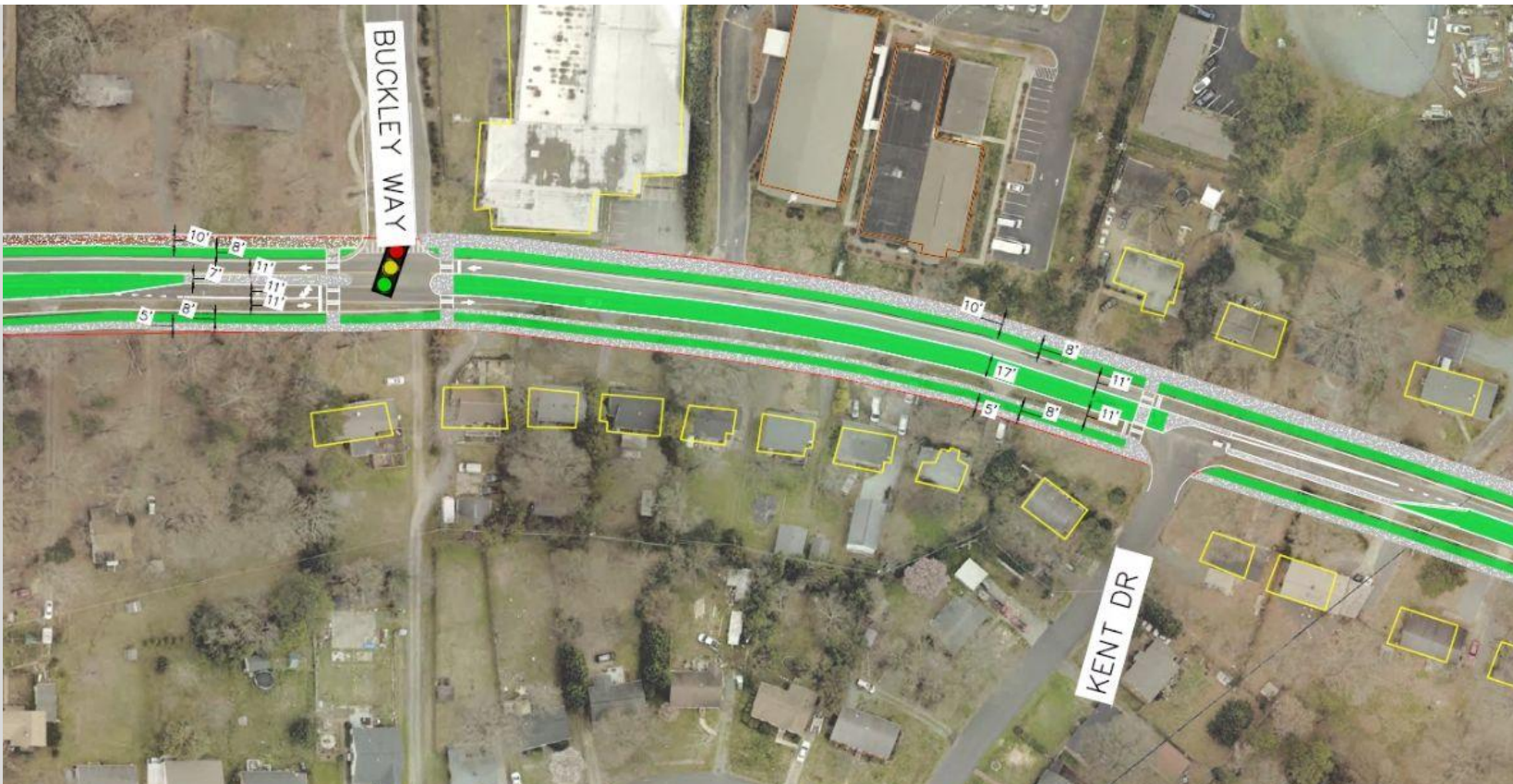
2021

2022

2023

2018

John Street Work Group Corridor Concept



2016

STIP Project
was Added -
P3.0

2017

Consultant
hired- Corridor
Study

2018

John Street
Work Group
Decision

2019

Board
requested
Project Delay

2020

2021

2022

2023

2019

Board of Commissioners Project Delay

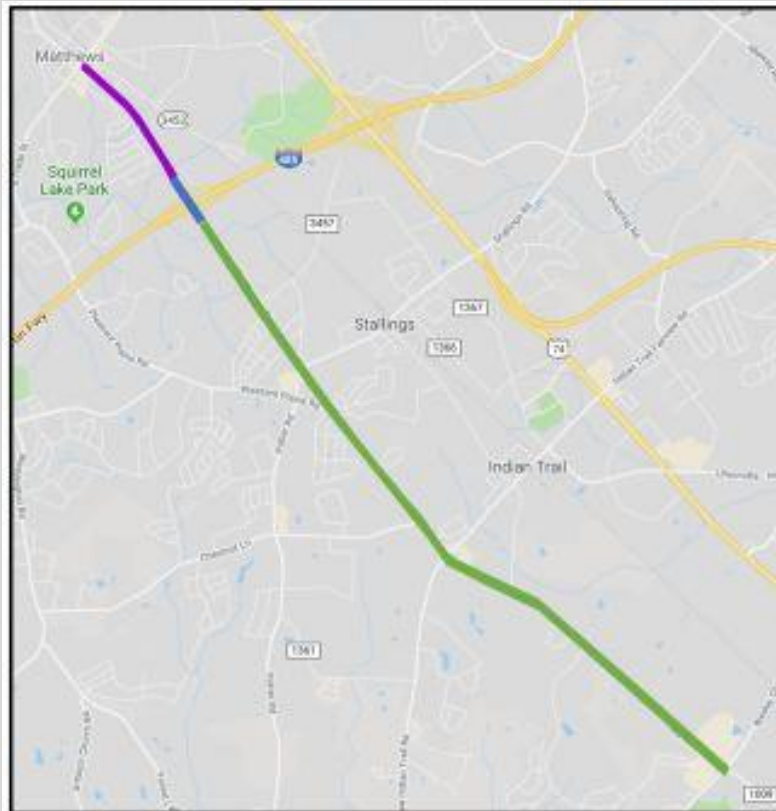
- Directed Staff to delay the project
- Informed NCDOT that a two lane cross-section is desired
- Amended STIP to delay the project and segment the AA section
- Worked with NCDOT on John Street AB section (under the I-485 bridge)

“Motion by Mr. Higdon to ask NCDOT to delay the John Street widening until after the I-485, McKee Road Section A, Independence Boulevard and Matthews Township Parkway road widening projects are complete. The motion was seconded by Mr. Miller...Mr. Higdon amended the motion ...(to include); and to inform DOT that Matthews ultimately wants a two-lane cross section with improvements.”

2019

NCDOT - Segmentation

- Segmented U-2509A into 3 sections



- Segment AA
Trade Street to I-485
Reschedule
- Segment AB
Interchange (Let with I-5507)
No Change
- Segment AC
I-485 to Wesley Chapel Stouts Road
No Change

2016

STIP Project
was Added -
P3.0

2017

Consultant
hired- Corridor
Study

2018

John Street
Work Group
Decision

2019

Board
requested
Project Delay

2020

Subarea
Model
completed

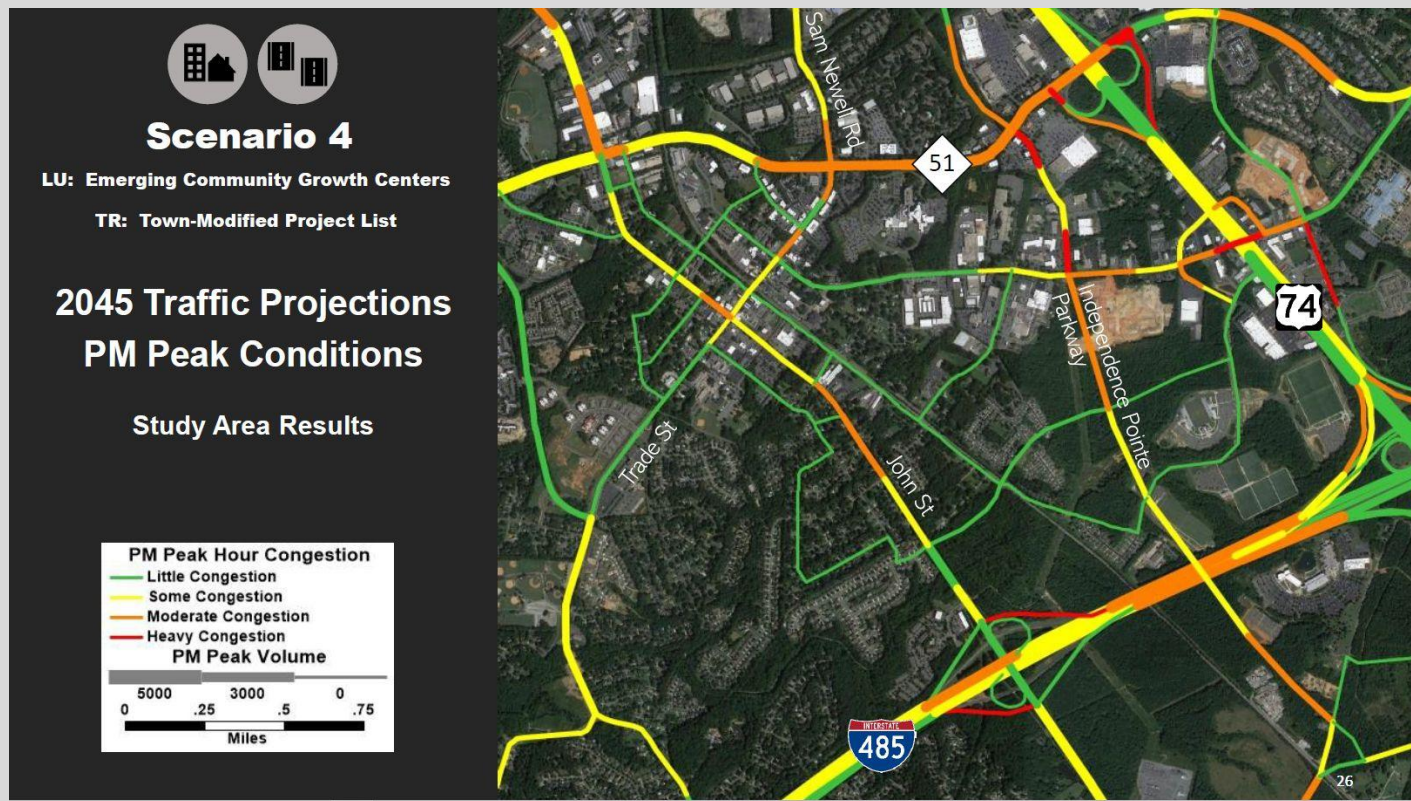
2021

2022

2023

2020

Sub Area Model





East John Street Overview

2016

STIP Project
was Added -
P3.0

2017

Consultant
hired- Corridor
Study

2018

John Street
Work Group
Decision

2019

Board
requested
Project Delay

2020

Subarea
Model
completed

2021

NCDOT
Funding
Shortage

2022

Planning
Activities

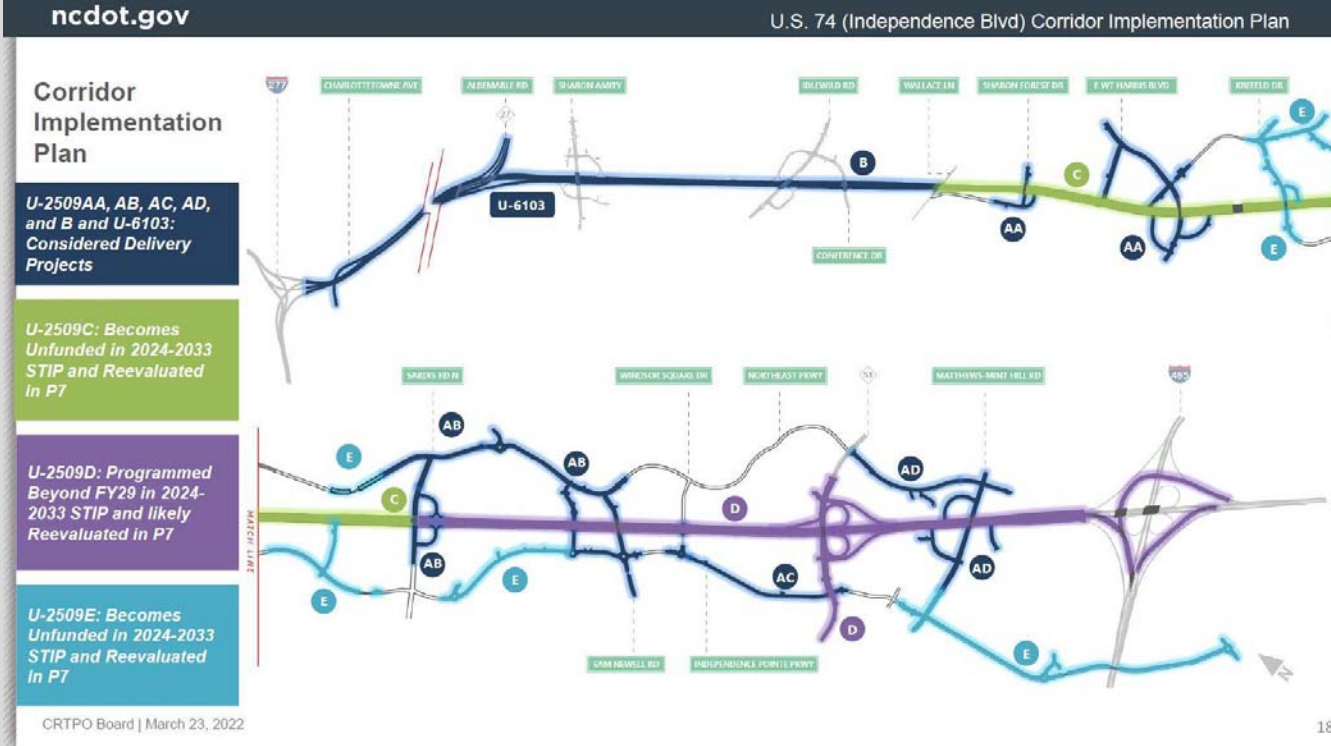
2023

Decisions



NCDOT - Funding Shortage

- Dismantled Independence Project (U-2509) - Segmented the project with a multi-year deliver schedule.
- Worked with NCDOT on John Street AB section (under the I-485 bridge)
- Shifted U-4714 AA for construction in 2031 (unfunded)



2016

STIP Project
was Added -
P3.0

2017

Consultant
hired- Corridor
Study

2018

John Street
Work Group
Decision

2019

Board
requested
Project Delay

2020

Subarea
Model
completed

2021

NCDOT
Funding
Shortage

2022

Planning
Activities

2023

Decisions

2022

East John Street STIP-Update

NCDOT Project ID#	Description	ROW	Construction
U-4714 AA	Trade Street to Greylock Ridge Rd ROW/Utilities: \$11,048,000 Construction: \$14,300,000 Total: \$24,348,000	2028	2030
U-4714 AB	Bridge Section, under I-485	Completed	In progress
U-4714 AC	I-485 to Union County	2019	2024

2022

AA Section



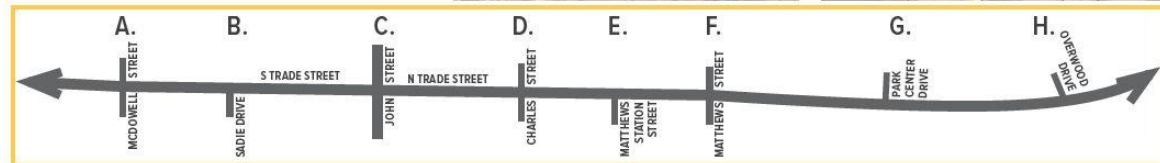
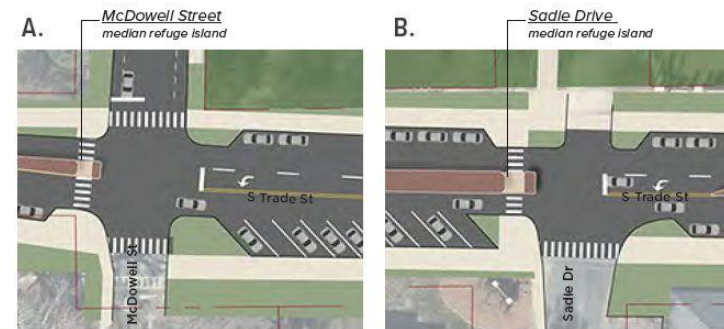
2022

Planning Activities

- NCDOT Added Funds to STIP
- Reallocated U-4714 AA funds for construction 2030
- Downtown/Comprehensive Plan will be kicked off Fall 2022
 - Long-term vision of John Street
- Pedestrian Study of John Street from I-485 to NC 51 (Application for funding)
 - Near-term potential safety improvements

trade street intersections

The intersections along Trade Street can be upgraded to provide shorter crossing distances for pedestrians and marked crosswalks at all intersections, including raised crossings and intersections. The following graphics depict the crossing upgrades and intersection improvements along Trade Street from McDowell Street to Overwood Drive. See the reference diagram and table below for specifics on the intersection treatments for each crossroad.



CROSSROAD	EXISTING CONDITIONS	RECOMMENDED CROSSING UPGRADES
A. McDowell Street	Crosswalk	Add Median Refuge Island
B. Sadie Drive	Crosswalk	Add Median Refuge Island
C. John Street	Traffic Light	Add Leading Pedestrian Interval (LPI), Shorten Crossing Distances with Lane Reductions and Curb Bulb-outs
D. Charles Street	Crosswalk	Add Median Refuge Island
E. Matthews Station Street*	Raised Crosswalks	Reconfigure as Raised Intersection
F. Matthews Street	Crosswalk	Add Pedestrian Signals with LPI, Shorten Crossing Distances with Curb Bulb-outs
G. Park Center Drive	Crosswalk	Add Median Refuge Island
H. Overwood Drive	--	Add High Visibility Crosswalk and Median Refuge Island

*Project is underway concurrent with this Mobility Study

Source: Example from Mobility Study

2016

STIP Project
was Added -
P3.0

2017

Consultant
hired- Corridor
Study

2018

John Street
Work Group
Decision

2019

Board
requested
Project Delay

2020

Subarea
Model
completed

2021

NCDOT
Funding
Shortage

2022

Planning
Activities

2023

Decisions

2023+

Board of Commissioners Decisions

1. Validate the Vision of John Street via the Downtown Plan (Q3-2023)
2. Short Term Needs for Pedestrian Movement on John Street (Q4-2023)
3. Consider options for the AA sections (Q1-2024):
 - Delay
 - Rescope
 - Give up project
 - Creating new project
4. Direct staff for desired outcome (Q1-2024)
5. Work with NCDOT and CRTPO to modify appropriate documents (Q2-2024)
 - Amend Metropolitan Transportation Plan



East John Street Overview

2016

STIP Project
was Added -
P3.0

2017

Consultant
hired- Corridor
Study

2018

John Street
Work Group
Decision

2019

Board
requested
Project Delay

2020

Subarea
Model
completed

2021

NCDOT
Funding
Shortage

2022

Planning
Activities

2023

Decisions

Questions?

Conduits in Interchanges – Weddington and E John

TO: Mayor and Board of Commissioners

FROM: Susan Habina Woolard, PE, Town Engineer

DATE: October 17, 2022

Background/Issue

During a Board of Commissioners Planning Conference in 2018 and again in February 2020, Commissioners asked Public Works to investigate installing conduit in the I-485 interchanges in Matthews for future beautification efforts. There are currently two I-485 interchanges under construction in the Town: Weddington Rd and E John St. By laying conduit during the construction phase, there could be some cost savings compared to going back after the interchange is built and boring conduit under the interchange.

Proposal/Solution

Staff worked diligently following that conference to attempt to include conduit in the I-485 design-build project. NCDOT will not allow irrigation in the interchanges without an underdrain system and drainage calculations because of concerns about flooding the interchange. Due to time constraints in the delays of getting this information from NCDOT and attempting to get conduit into the project, staff decided to only pursue conduit for lighting.

The first step was to mark potential conduit locations on a plan set so the contractor could provide pricing. Staff requested two 2-inch conduits at locations around the interchange that were parallel to locations where the project was already installing conduit for high-mast lighting. It is best practice to install a redundant conduit in the case that one conduit gets damaged, when planning for future work. The only conduit line item available in the contract that could be used is a boring line item.

Financial Impact

From NCDOT: *"The latest pricing proposal from Blythe/TCD equates to the following:*

"Option A (1 – 2" Conduit) \$20.75/LF x 935 LF = \$19,401.25

"Option B (2 – 2" Conduit) \$27.31/LF x 935 LF = \$25,534.85"

Related Town Goal

To innovatively provide a well-planned, well-maintained and aesthetically pleasing infrastructure, that adds long-term value and offers efficient access to the Town and surrounding communities.

Recommended Action

This cost seems very high for speculative interchange improvements. The conduit can be bored at such time when the Board decides to undertake aesthetic improvements at interchanges.

Attachments

Excerpt from minutes of meeting on 2/28/2020:

Examples of interchange aesthetic improvements

Assistant Public Works Director Lief Fitzpatrick reviewed opportunities for aesthetic improvements at various interchanges. Such work is not currently budgeted. The Board discussed various projects and by consensus agreed to pursue restorative beautification at interchanges, including the installation of conduit for future lighting and possible irrigation. In addition, the Board added the desire for increased trash pickup at state-maintained areas to the Town's legislative agenda.

Excerpt from minutes of meeting on 12/7/2018

Discuss Branding Overpasses and Medians on US Highway 74 and I-485

Transportation Planner Dana Stoogenke reviewed options for Town-specific branding and beautification treatments on bridge overpasses and medians. There are five existing structures and five new structures will be constructed by NCDOT as part of the new Weddington Road/I-485 interchange and new bridges for the US-74 widening project. Bridge beautification could include embellishments like painted road names, painted concrete or brick veneer. Staff is waiting on cost information from the Turnpike Authority...Staff will investigate designs and costs and determine what NCDOT will allow.

LYNX Silver Line: Interlining

TO: Mayor and Board of Commissioners

FROM: Susan Habina Woolard, PE, Town Engineer

DATE: October 17, 2022

Background/Issue

Charlotte Area Transit System (CATS) staff has been working on an interlining concept for the LYNX Silver Line light rail as it traverses through uptown Charlotte. While the interlining concept doesn't directly impact the Town of Matthews alignment or infrastructure, it does affect the route and destinations for future Matthews riders. Public comment for the interlining concepts opens on November 1, 2022 and concludes November 17, 2022.

Proposal/Solution

Town leadership has been supportive of the LYNX Silver Line for many years. Providing public comment during this period will demonstrate continued support. Town staff asked Silver Line staff to provide more information for the Board of Commissioners on the uptown interlining work and will make a presentation at the Board of Commissioners meeting.

Financial Impact

None.

Related Town Goal

To innovatively provide a well-planned, well-maintained and aesthetically pleasing infrastructure, that adds long-term value and offers efficient access to the Town and surrounding communities.

To identify, plan, design, fund, and build transportation facilities that efficiently and effectively serve the community in a cost effective and environmentally sensitive manner.

To maintain a small town identity by providing a vibrant downtown, pedestrian friendly community, extensive greenway system, and recreation and cultural activities

Recommended Action

For information.